

3. (Previously Presented) The method of claim 1, further comprising the steps of:

sampling an inverted transmitted signal across a second sampling resistor to obtain an inverted sampled transmitted signal;

subtracting the inverted sampled transmitted signal from a second line signal to obtain a second reconstructed received signal;

sampling the transmitted signal across a second RC network echo compensation circuit to obtain a second echo compensation signal; and

subtracting the second echo compensation signal from the second reconstructed received signal to produce a second compensated signal by providing the second echo compensation signal and the second compensated received signal to the first circuit node;

thereby compensating the second reconstructed received signal.

4. (Previously Presented) The method of claim 3, further comprising the steps of:

sampling the inverted transmitted signal across a third RC network echo compensation circuit to obtain a third echo compensation signal;

subtracting the third echo compensation signal from the second reconstructed received signal to produce a fourth compensated signal by providing the third echo compensation signal and the second reconstructed received signal to a second circuit node;

thereby compensating the second reconstructed received signal;

sampling the inverted transmitted signal across a fourth RC network echo compensation circuit to obtain a fourth echo compensation signal; and

subtracting the fourth echo compensation signal from the reconstructed received signal to produce a fifth compensated signal by providing the fourth echo compensation signal and the reconstructed received signal to a second circuit node;

thereby compensating the reconstructed received signal.

5. (Currently Amended) An apparatus for compensating for echo signal in a telecommunications device comprising:

a transmitter having two outputs;
a receiver having an input junction point common to at least two circuit branches;
a line transformer coupled to the transmitter output and the receiver input; and
an echo compensation circuit comprising:
a first circuit branch coupled to the transmitter first output and the receiver input; and
a second circuit branch coupled to the transmitter second output and the receiver input such that a reconstructed received signal and an echo compensation signal are combined and coupled at the receiver input junction point common to at least two circuit branches, thereby compensating for the echo signal in a telecommunication device.

6. (Original) The apparatus according to claim 5, wherein:
the first circuit branch further comprises a first resistor and a first capacitor connected in series; and
the second circuit branch further comprises a second resistor and a second capacitor connected in series.

7. (Previously Presented) The apparatus according to claim 5, further comprising
a second receiver having an input; and
a second echo compensation circuit comprising:
a third circuit branch coupled to the transmitter second output and the second receiver input; and
a fourth circuit branch coupled to the transmitter output and the second receiver input;
wherein the line transformer is coupled to the second transmitter output and the second receiver input.

